



From the Fund
Bequeathed to the
Massachusetts Historical Society
BY
James Savage.
Received March 1879



GOODSPEED, BOSTON.

E187

Unius labor multorum laborem allevat

AN
EPHEMERIS
OF

Coelestial Motions, Aspects,
Eclipses, &c. For the Year of the
Christian Era 1682.

Being from

The	Creation of the World.	5631.
	Flood of Noah.	3975
	Constitution of the Julian Year	1726
	Suffering of Christ.	1649
	Correction of Calend. by P. Greg.	100
	Laying the foundation of Harv. Col	40
	Leap year (in our account)	03

The Vulgar Notes are

Cycle of Sun & Moon	11	Epact	1
Dominical Letter	A	Number of Days	26

Calculated for γ Meridian of Boston in N-England
where the North Pole is Elevated 42 degr.
30 min. Longitude 315 Degr.

By W. Brattle Philomath.

Genesis i. 14. And God said, Let there be Lights in
the Firmament of the Heavens, to divide the Day
from the night, and let them be for Signs &
for Seasons, for Days & for Years.

CAMBRIDGE

Printed by Samuel Green 1682.

ex dono Authoris Jan. 30. 1681.

ECLIPSES in the year 1682

There will happen (this Year) four *Eclipses* of the two greater Luminaries; two of them (if the weather permit) may be observed q/ us.

The first *Eclipse* will be of the Sun on Iuly the 24. but it will be so small (where most visible) that it will not be worth Observation.

The Second will be of the Moon, on the seventh day of August. This will be visible to us, and worthy of our Observation.

Beginning 23 minutes past 11 at night.
Beginning of Total Obscuration 34 min. p. 12
Middle of the Eclipse 26 min. past 1 morning
End of Total Obscuration 19 min. past 2
End of the Eclipse 20 min. past 3
Digits eclipsed 17 58

The third Eclipse will be of the Sun on January 17. This likewise will be visible to us in N-England.

Beginning 23 min. past 8 morning
Middle 53 minutes past 9
End of the Eclipse 32 minutes past 11
Digits Eclipsed 6 45

The fourth and last Eclipse will be of the Moon on February 1, but it will be invisible to us, the Sun being above our Horizon.

Splendid Venus having been our bright Morning Star from the beginning of this Year unto 12 of April she then becomes Occidentall, and our Evening Star, so continuing to the 3 of January, and then again becomes our morning Star, so remaining to the end of this Year.

On the 12 of September will be Celebrated a most famous conjunction of those two Coelestial Maleticks
SATURN and MARS

March hath 31 dayes.

D. ☉rise ☉set ☿place ♀place ♂place ♀place ♀place.

05	6	13	5	48	00	22	10	05	01	V	54	11	18	05	V	11
06	6	05	5	51	00	12	10	28	03	44	17	30	12	34		
11	5	59	6	01	00	07	10	44	09	35	21	43	19	44		
16	5	51	6	09	00	02	11	02	13	22	29	51	24	23		
21	5	43	6	15	00	00	11	25	17	11	05	V	56	26	16	
26	5	37	6	23	00	D.	01	11	52	22	57	12	17	23	00	

M W Moons quart. Aspects. Courts &c ☉place. ☿place. mut. Asp.

1	1	<i>East Dorchester.</i>	21	19	
2	1	Court Hartford. ☿. * ♀	22	02	
3	6		23	16	
4	7	450 K. Edw. 4 Reign. 22 y.	24	29	
5	A	☉. * ♀. (* ☿)	25	13	☿ ♀
6	1	First quart. 24 m past noon	26	27	
7	3	Court A. H. B. C. Ply. ☿	27	11	Tide rise
8	4	☿. ☿. ☿.	28	25	☿ Perig.
9	5	☿. ☿.	29	10	
10	6	Day & night equal ☿	00	24	☿ ☿
11	7	* ♀	01	09	☿ ☿
12	8	☿. ☿.	02	23	Tide Fall.
13	9	Full moon 8 m. past 5 morn	03	07	☿ ☿
14	3	Court. Court Fairfield. ☿	04	20	
15	4		05	05	
16	5	☿	06	18	
17	6	☿. ☿. ☿.	07	01	
18	7	☿. ☿. ☿.	08	13	
19	8	☿. ☿.	09	25	
20	9	412 K. Henry 5 R. 9 y. ☿	10	00	
21	3	Sec. quart. 56 m. p. 7 n. ☿	11	19	☿ ☿
22	4	☿. ☿.	12	01	☿ Ap. ☿
23	5	* ♀	13	13	☿ Di. ☿.
24	6	1602 K. James R. 22 y. * ☿	14	25	
25	7	☿.	15	07	☿ ☿
26	8		16	19	☿ ☿
27	9	1625 K. Charl. 1 R. 27 y. ☿	17	02	☿ ☿ &
28	3	Court Ips. N. Hamp. ☿. N. mon	18	15	Tide rise
29	4	☿. ☿. ☿. (19 m. p. 6 night	19	28	
30	5	* ♀.	20	12	☿ ☿
31	6	* ☿.	21	26	☿ ☿

The Vernall Rams-horn shall no sooner Sound,
But lifeless Beings Latent in the ground
Shall pierce the clodded earth, Spring up & thrive,
Till at the height of Nature they arrive.
But at it Taurus fretts, & does inch nips
To many give, as will their lives Eclipse.

April hath 30 dayes.

D. ☉ rise ☉ set h place ♀ place ♂ place ♀ place ♀ place

01	05 28	06 32 00	07 12 00	25 V 27 19	41 18 V 34
06	05 21	06 38 00	14 13 07	29 18 25	53 15 01
11	05 15	06 45 00	24 13 47	02 51 02	03 13 21
16	05 09	06 51 00	27 14 27	06 31 08	13 13 D 31
21	05 02	06 58 00	52 15 12	10 11 14	23 15 42
26	04 56	07 04 01	09 16 01	13 49 20	33 19 33

MW Moons quar. Aspects Courts &c. ☉ pla. ☾ p: a, mu. Aspects

27	* ♀ ♀ ♂ ☉	22 V II 10
28	♂ ♀ ♂ s 24 10	08 08
29	Court Cambr. first quart. 6 m	25 08 22
30	♂ ♀ (p. n. ☐ ♀ ♀ ♂	26 07 06
1	1199 K. John reigned 17. Δ ♀ ♀	7 05 20
2	Δ ♂	28 04 04
3	* ♀	19 03 18
4	1483 K. Edw. 5. Reig. 2 mo. * ♀	00 8 02
5	☐ ♀ ♂ Mer.	01 00 15
6	Full moon 57 m. p. 4. nig. C.	01 58 00
7	1640 Civil wars E. (at Salisbury	02 57 13
8	Δ ♀	03 55 26
9	Δ Mer.	04 52 09
10	♂ ♀ ☐ Mer.	05 51 21
11	♂ ♀ ☐ Mer.	06 49 03
12	♂ ♀ ☐ Mer.	07 47 15
13	♂ ♀ ☐ Mer.	08 46 27
14	Second quart. 8.m.p. 2. aftern	09 44 08
15	1509. K. Henry 8. Reigned 37	10 42 20
16	Δ ♀	11 40 02
17	☐ ♀	12 38 15
18	County Court Boston ♂ Mer	13 36 27
19	New Moon 32.m.p. 5. mora.	14 32 10
20	* Mer. Flurry of	15 31 23
21	30 A	16 29 07
22		17 27 21
23		18 25 05
24		19 23 19
25		20 19 04

The Rusticks now the Flesh to satisfie,
Will not obscene, and dirty acts desie;
With Sweat they toil in th'earth, and do expect
Seed by their Mother [Tellus] to erect.
But, if the heavens do from sweat abstain
The Rusticks sweat will wholly be in vain.

May hath 31 dayes.

D. ☉ rise ☿ set ♄ place Ju. place ♀ place ♀ place ♀ place

1 04 51	07 09 01	12 29 16	05 17 08	16 28 41	24 00 55
6 04 45	07 15 01	50 17 45	21 02 02	02 40 00	08 20 36
11 04 40	07 20 02	14 18 36	24 37 08	58 06 16	26 00 27
16 04 37	07 23 02	39 19 34	28 11 15	06 14 26	
21 04 33	07 27 03	66 20 33	01 43 21	14 21 06	
26 04 29	07 31 03	29 21 32	05 09 27	21 27 06	

M W. Moons quart. Aspect Courts &c. ☉ place ♄ place mer asp.

1 2	* ☉	♂ ♀	* ♂	21 18	♂ 18
2 3	* ♀	☐ ♀ ♂ ♄	22 15	♂ 04	perig.
3 4	☐ First quart. 55 m past 10 nigh	♂ 17	17	♂ 01	Fides Fall
4 5	☐ ♀	♂ Mer.	4 11	♂ 01	♂ 06
5 6	* ♄	♂ ♂	25 08	15	* ♀ Sa.
6 7	* ♄	* ♄	26 06	28	
7 8	☐ Jupiter		27 00	12	☐ Saturn
8 9			8	25	
9 10	☐ Saturn	♂ Mercury	23 59	♂ 08	
10 11		♂ ♂	9 50	21	
11 12	C. Electi. Hartf. Full moon	♂ Full moon	00 11	01	
12 13	(40 min. p. 5 morn)		01 51	12	
13 14	Trine Mercury		02 41	29	* ☉ Satu
14 15		♂ Jup: ♂ ♂	03 46	11	
15 16	Trine ☉	♂ ♄	04 43	23	
16 17	☐ Mercury		05 41	00	☐ Apog.
17 18		☐ ♂	06 30	17	
18 19	☐ Second quart. 13 m p. 7 morn		07 33	29	
19 20	Trine Jupiter		08 32	11	☐ ♀
20 21	Trine ♄	* ☉	09 30	23	
21 22	☐ Jupiter	* ♀	10 27	05	
22 23		☐ ♄	11 24	18	
23 24	Court ELECTION Boston		12 21	01	* Sa. ♂
24 25	♂ ♂ & Mer. fry		13 18	15	
25 26	☉ New moon 25 m p. 2 aftern.		14 16	29	♂ Mar. Mer.
26 27	♂ ♀		15 13	14	Fides rise
27 28			16 11	29	
28 29			17 08	14	
29 30	K. Charles 2 born 1630 ♂ ♄ Ju		18 05	28	☐ Perig.
30 31	Conrt Assist. Hartford		19 02	13	Fides fall
			19 59	27	☐ ♄

Hundreds of Apes almost every where
 Will now appear with wings flying in th' Air,
 Who will be bravely Arm'd with such a Spear,
 That th' Stoutest men them for to Vex will fear,
 But (Friends) Fear not, this news it doth portend
 No harm at all, but sweet things in the End.

June hath 30 dayes.

D. ☉ rise. ☉ set. ♀ place. ♀ place. ♀ place. ♀ place. ♀ place.

14 28	07 32	34 ♀ 14	22 ☉ 16	19 ♀ 24	04 ☉ 12	19 ♀ 09
6 4 27	07 33	34 44	23 49	12 54	10 50	29 46
14 25	07 34	05 18	24 52	16 24	16 57	10 ☉ 19
16 1 27	07 35	05 52	25 57	19 44	23 53	20 27
21 1 28	07 36	06 27	27 03	23 07	29 10	28 49
26 1 30	07 30	07 03	28 08	26 28	05 ♀ 15	0 ♀ 38

M. W. Moons quart Aspects. Courts &c ☉ place. ☉ place. mut. asp

15	☐ ♂	10 ♀	11	☉
2	☉ First quart. 12 m past 4 morn.	155	25	☉ ☉ ☉
3	☐ ♂ ☐ ♀	22 51	25	☉ ☉ ☉
4	☐ ☉ ☐ ♀ ☐ ♂	23 49	27	
5	Artillery ELECT. Boston,	24 47	30	☉
6	Court Elect Plym. C. N. Lon. ☐ ♀	25 43	18	
7	☐ ♀	16 40	19	
8	☉ ☉	27 37	13	
9	☉ Full moon 20 m past 7 night	28 35	25	
10	☉ ☉	29 31	30	☉
11	Longest day ☉ ☉	30 26	19	
12	☉ ☉	01 25	01	
13	☐ ♂	02 22	13	☉ Apr.
14	Courty Court N-haven	03 19	25	☉ ☉
15	☉	04 16	02	
16	☐ ☉ ☐ ♂ ☐ ♀	05 13	19	
17	☉ ☉ ☉ ☉ ☉ ☉ ☐ ♀	06 11	01	
18	☐ ♀ ☉ ☉ ☐ ☉ ☐ ♀	07 03	13	
19	Court Court Charlestown. ☉ ☉	08 05	26	☉ ☉ ☉
20	1337 R. Richard 2 Reizn. 22 y.	09 02	10	☉ Ju. ☉
21	1482 R. E. 3 R. 2 y. ☉ ♀	10 59	23	☉ ☉ ☉
22	☉ ☉	11 56	07	
23	☉ New moon 15 m past 10 night	12 53	22	Tides rise
24	☉ Jupiter	13 47	27	☉ ☉ ☉
25	☉ ☉ ☉ ☉	14 44	07	
26	Court. Court Salem. ☉ ☉	15 41	22	☉ ☉
27	☉ ☉	16 38	07	☉ ☉ ☉
28	☉ ☉	17 35	21	☉ Perig.
29	☉ ☉ ☉ ☉ ☐ ♂	18 32	05	Tides fall

Now So; his course to Cancer's house doth steer,
 And being merry Slyly dorth him jeer,
 For he no foner on the Crab does look
 But backward goes and to the Crab's forlook.
 Our dayes at length now gradually decay,
 And heat encreases (as they're us'd to say.)

July hath 31 dayes.

D. ♂ rise ♂ let ♀ place ♀ place ♂ place ♀ place ♀ place

1	04	32	07	28	07	Ω	39	29	Ω	14	29	TT	51	11	Ω	21	14	Ω	48
6	04	36	07	24	08		18	00	Ω	22	03	Ω	11	17		26	20		56
11	04	40	07	20	08		56	01		28	05		59	23		31	25		56
16	04	45	07	15	09		35	02		35	09		40	29		36	29		48
21	04	50	07	10	10		13	03		41	13		06	05	W	40	01	W	51
26	04	55	07	05	10		51	04		48	16		22	11		42	01	R	38

M W Moons quart, Aspect Courts &c. | ☉ plac. ☿ plac. Aspect

1	7	First quarter 17 m. past noon	19	5	10
2	1	h Δ ♂ □ ♀	20	27	m 0.
3	2	□ ♀ ♀	21	24	15
4	3	Court Plymouth Δ ○ ♀	22	21	28
5	4		23	15	10
6	5	1189 K. Richard 1 Reign.	24	12	22
7	6	1367 K. Edw. 3 R. 19 (1553) 2M	25	12	04
8	7		26	09	16
9	4	● Full moon 55 m p. 9 foren. &	27	07	21
10	2	♂ h (♂ Ju.	28	04	10
11	3	♂ ♀ ♂ Mer.	29	50	23
12	4	W. m Δ ♂ Tylour	29	01	04
13	5		00	51	28
14	6	Δ ○ Δ ♀	01	53	10
15	7	Δ h □ ♀	02	51	22
16	A		03	47	05
17	2	Sec. quart. 20 m p. 11 oren. &	04	45	10
18	3	(□ h ♀ Δ ♀ ♀	05	42	08
19	4	Dog dayes begin * ○ ♀	06	39	02
20	5	* h	07	36	11
21	6	* ♀ * ♀	08	33	21
22	7	Col. ♂ ♂ Robert	09	31	15
23	A		10	27	01
24	2	● New moon 54 m past 4 morn	11	2	16
25	3	County Court Boston ♂ ♀	12	2	06
26	4	♂ ♀ * ♂	13	10	1
27	5	* ♀ * ♀	14	1	05
28	6	* ○ h	15	1	11
29	7		16	11	28
30	A	First quart. 36 m p. 9 night	17	0	11
31	2	□ ♀	18	07	24

Young Blades with beards (this month) there will appear
 Whom for to shave, the Country men won't fear;
 Crookt Razors, and course hones are bought, and they
 The Barbers trade do't blush to steal away.
 IF th' Rusticks let these beards alone too long,
 Them Leo with his scorching breath will wrong.

August hath 31 dayes.

Do ☉ rise ☉ set H place H place ♂ place ♀ place ♀ place

1	05 02	06 58	11	06 37	06 07	20	03 16	18	03 58	28	04 48
6	05 08	06 52	12	16 07	12 23	30	24 59	24	46		
11	05 13	06 45	12	53 08	17 26	42	01 00	21	04		
16	05 25	06 38	13	30 09	22 09	54	06 52	18	57		
21	05 29	06 31	14	07 10	23 03	05	13 02	08	26		
26	05 35	06 25	14	43 11	24 06	15	20 00	25	22		

M. W. Moons quart. Aspect. Courts &c. ☉ pla. ☿ pla. mut. Aspect

1	2	Δ Saturn	Δ Jupiter	1	9	Ω	+	27		
2	4	Δ ☉	□ ☿	1100 K. Henry	2	0	c	4	19	
3	5	Trine Mercury	(Reigned 35 y	21	or	Vo	01		* ♂ ♀	
4	6			21	59		13			
5	7	♂ ♂ Trine ♀		22	57		05			
6	4	♂ Saturn	♂ Jupit.	23	44	☿	17			
7	2			24	42		29		☉ ☉ Mer	
8	3	● Full moon 29 m p. 12 morn &		25	50	✕	01		Eclipse vi	
9	4	(COMMENCEMENT ♂ Mer		26	48		13		☿ Apog. (lib	
10	5	Trine Mars	♂ Venus	27	45		25			
11	9	Trine Jupiter		28	43	☿	07			
12	7	Trine Saturn	Trine Mercury	29	41	☿	19			
13	4	☿ Mars	Trine ☉	30	39	☿	02			
14	2	□ Saturn	Mercury & Jupiter	01	37		11			
15	3	☿ Second quart. 53 m p. 9 night		02	35		28			
16	4	Trine Venus		03	33	☿	11			
17	5	Blazing ♂ * Mercury and		04	31		25		mane.	
18	6	* ☉ Blazing	Quartile Venus	05	2	☿	09		♀ Direct mane	
19	7			06	29		24			
20	8	♂ Mars	♂ Saturn Ju.	07	2	Ω	09		* Jupiter ♀	
21	2	1485 K. Henry 7 R. 23 year		08	23		24		Lun. Perig &	
22	3	☉ New Moon 7 min. p. noon		09	21	☿	09		Tides rise.	
23	4	Have seen Even plain		10	20		24		Lun ☉	
24	5	* Saturn	Jupiter Mars	11	18	☿	09		* ♀ Venus	
25		♂ Venus		12	16		23		Tides Fal.	
26	7	☿ Jupiter Mars		13	14	☿	07			
27	4	Dog dayes end. ☿ Saturn		14	13		20			
28	2			15	11	+	03			
29	3	☿ First Qu. 54 m. p. 1 aftern		16	10		16			
30	4	1422 K. Henry 6 R. 38 year		17	08		28			
31	5			18	06	Vo	1			

Commencement's come, but (friendly) I Advize
All sorts of Rabble now their Homes to prize,
For if to it they come, so Blind they'll bee,
That Really no Body they will see.

Now Sol to Virgo goes, & there does stay;
Till that his Heat does very much Decay.

Monday Aug. 21. The Reverend
Mr. Isaac Forster buried. vid. 86.

September hath 30 dayes.

D Orise ☉ ser h place ♀ place ♂ place ♀ place ♀ place

01	5	44	6	16	15	26	12	25	10	01	26	15	04	11	09
06	5	51	6	09	16	01	13	33	13	06	02	11	13	02	
11	5	57	6	03	16	30	14	29	16	11	08	01	22	13	
16	6	05	5	55	17	00	15	24	19	16	13	55	00	00	
21	6	12	5	48	17	30	16	16	22	21	19	47	10	58	
26	6	20	5	40	17	58	17	05	25	25	25	38	19	41	

M W Moons quart. Aspects. Courts &c ☉ place. ☾ place. mer. A f

1	6	Δ ☉	☐ ☉							19	11	11	22		
2	7	♂ ♀	♂ ♀							20	03	☾	04		
3	A	♂ ♀	Δ ☉	♂ ♀						21	01	☾	16	☾	Apog.
4	2									22	01	☾	27		
5	3	Court Assistants Boston.		♂ ♀						22	59	☾	09		
6	4	● Full moon y. m. past 4 aftern								23	58	☾	21	☾	T.r.
7	5	County Court Hartford								24	57	☾	04	♂ ♀	
8	6	Δ ♀ ♂								25	55		16		
9	7	1088 W. Rufus Reigned 12 y.								26	54	☾	29		
10	A	♂ ☉ ☐ ♀ ♂								27	53	☾	11		
11	2	Artillery Elect. Cambridg	Δ ☉							28	52	☾	24	♂ ♀	
12	3	* ♀ ♂ Comenme								29	51	☾	08	♂ ♀	
13	4	☾ Sec. quart. 23 m. p. 6 morn	☐							00	48	☾	05		
14	9	Δ ☉								01	48	☾	19		
15	6	* ☉								02	47	☾	01		
16	7	♂ ♀ ♂								03	46	☾	18	☐ ♀	
17	A	♂ ♀ ♂								04	45	☾	02	♂ ♀	
18	2	Court N-London	* ☉							05	45	☾	17	☐ ♀	
19	3	● New moon 23 m. past 9 night								06	44	☾	02	☐ ♀	
20	4	♂ ♀								07	43	☾	17	☐ ♀	
21	5	* ♀ ♂								08	42	☾	01	☐ ♀	
22	6	☐ ♀								09	40	☾	15	☐ ♀	
23	7	☐ ♀								10	41	☾	28	* ♀	
24	A	☐ ♀								11	41	☾	11	* ♀	
25	2	* ☉ Δ ♀								12	39	☾	24	☐ ♀	
26	3	Court Iplw. Springf. Δ ♀ ♂								13	38	☾	06	☐ ♀	
27	4	☐ ♀								14	37	☾	18		
28	5	☐ First quart. 25 m. p. 7 morn								15	37	☾	00		
29	6	* ☉ 1399 K. Henry 4 Reig. 137								16	36	☾	12	* ☉	
30	7	Δ ☉ ♂ ♀								17	36	☾	12	* ☉	

it.

Watch

Now, that our Dayes and Nights might Equal be,
 The measurer thereof [Phabus] does flee
 Unto the Scales of justice, and does cause
 Darknesse our Light to weigh with equal Poise.
 Young Folks in Feilds so Wanton now appear,
 That some Poor men will lose their Bars. I fear

October hath 31 dayes.

D. ☉ rite ☉ fet h place Jus place ♂ place ♀ place ♁ place

1 06	27 05	33 18	Ω 24 17	Ω 33 28	Ω 25 14	→ 27 27	27 39
6 06	34 05	20 18	49 18	36 01	24 07	14 05	54
11 06	41 05	19 19	13 19	16 04	21 12	59 13	35
16 06	47 05	13 19	25 19	55 07	19 18	40 20	30
21 06	54 05	06 19	50 20	30 10	16 24	16 28	08
26 07	00 05	03 20	03 21	00 13	08 29	49 44	→ 48

M W Moons quart. Aspect Courts & c. ☉ place ☉ pla. mut. Asp

1 A	♂	♂	Trine Mercury	18	24	* ☉ h
2 2		♀		19 36	06	Apoge
3 3			Court at Cambridge	20 35	18	* ♂ Me
4 4			Trine Venus	21 35	00	
5 5			Trine Jupiter	22 35	12	
6 6	●		Full moon 27 min. p. 8 morn.	23 35	25	Tide rise
7 7	♂	♂	Trine Mercury	24 34	05	
8 A	♂		Jupiter	25 34	21	♂ h ♀
9 2		♂		26 34	05	
10 3			Court Aislt. Hartf. C. Hampton	27 34	18	
11 4	☉	* ♂	Trine	28 34	03	
12 5		Δ	Mercury	29 34	16	
13 6	♂		Second qua. 2 m. p. 1 aftern.	00 34	00	
14 7	♂	♀		01 34	14	Perige
15 A	* ☉		(1066 K. W. Cong. Δ. 20)	02 34	26	♀
16 2	♀			03 34	12	
17 3		*	Mercury	04 34	27	Δ ♀ ♀
18 4			1216 K. Henry 3 Reigned. 56 y.	05 34	11	
19 5	* ♀	♂		06 34	25	
20 6	●		New moon 41 min. p. 8 morn.	07 35	05	Tide fall
21 7	♂	♂	Mer. Jupiter	08 35	28	
22 1	♂		Mars	09 35	26	
23 2	Δ		Saturn Jupiter	10 36	19	
24 3		♂	Venus	11 36	02	
25 4	♂		1154 K. Henry 2 R. 34	12 36	14	* ☉ ♂
26 5				13 37	26	Apoge
27 6	* Mercury			14 37	08	
28 7	☾		First qua. 2 m. p. 3 morn.	15 38	20	
29 A	* ♀		(Saturn Jupiter)	16 38	02	
30 2	☉	♂	Mars	17 39	14	
31 3			C. Court Boston & Plym.	18 39	26	

How Happy will this month to many be,
Men that ha'nt Eyes will very clearly See;
And hundreds (doubtlesse) will be wholly Car'd
Of all the Ach's and Pains, they ev'r endur'd.
But though Physicians Cure them, yet they are
So Humble, that to Owns it they wo'nt care.

November hath 30 dayes.

D. ☉ rise. ☉ set h place. ♀ place. ♂ place. ♀ place. ♀ place

1 07 08	04 52	20 18	21 31	16 32	06 22	12 10
6 07 13	04 47	20 27	21 53	19 20	11 42	17 13
11 07 18	04 42	20 34	22 12	22 06	16 55	20 21
16 07 23	04 37	20 38	22 24	24 51	22 00	19 R 57
21 07 27	04 33	20 R 39	22 33	27 31	26 53	15 43
26 07 29	04 31	20 37	22 R 36	00 10	01 34	17 24

M. W. Moons part. Aspect. Courts &c ☉ place. ☾ place. mut. asp

1 4	☉ ☽	Δ ☽	Δ h ♀	9. 11	☾ 08	
2 5				10 41	21	☐ ☉ Sat,
3 6	Δ ☽			11 43	☽ 04	
4 7	● Full moon	58 m past 10 night &		22 43	17	
5 8			☐ h ♀ Δ ☽	23 44	☐ 09	
6 9	* ☽ ☐ ☽ ☽ ☽			24 45	14	
7 10	C. Court Fairfield	* ♀		25 46	28	
8 11	C. Court New-haven			26 46	☽ 13	
9 12	Δ ☉ * ☽ ☽ ☽ ☽ ☽ ☽ ☽ ☽			27 47	27	Aufgib.
10 13				28 47	☽ 11	
11 14	I See. guar. 16 m past 11 night &			29 48	23	☾
12 15			☐ h ♀ Δ Ma	30 49	☾ 09	rise 51 ☽
13 16	Δ ☽ ☽ ☽ ☐ ☽			01 49	23	Perig.
14 17			* ☉	02 50	07	Tide rise &
15 18	* ☽ ☽ ☽ ☐ ☽			03 51	21	☐ Rear:
16 19	172 K. Edward 1. Reign. 24 y.			04 52	☾ 05	
17 20	☐ h ♀ * ☽ 1558 R. El. 21 R.			05 53	13	
18 21	☐ New moon 45 m past 10 night			06 54	11	
19 22	Δ h ☽ ☽			07 55	14	Tide fl.
20 23			Δ Ju. ☐ ☽	08 55	27	h Retr)
21 24				09 56	☾ 10	
22 25	Δ ☽ ☽ ☽			10 58	22	
23 26				11 59	☾ 04	Δ ☽ ☽
24 27	* ☉ ☽ Saturn			12 00	15	☽ ☽ ☽
25 28	p Jupiter			13 01	23	☐ ☽
26 29	C. First quart. 40 m p. 11 night &			14 02	10	☐ Apoge
27 30	SNOW COVERD ☐ ☽			15 03	22	Jup. Rec.
28 31	Cou. Court Salem ☽ ☽ * ☽ Δ ☽			16 04	☾ 04	☐ cap away
29	Δ ☉ Saturn Jupiter			17 05	16	* ☽ Mer. 7. men
30	☐ Venus			18 05	23	☐ 13. Lost.
				19 05		

This month, some men will either starved be
Or Eat; dead Horse and Dogs (I it foresee)
For Carrion (such as Crows) will be good meat,
And would, by men when kil'd, be gladly eat.
But they that dread this time will much Rejoice
When that they hear of the next month the voice.

December hath 31 dayes.

D. ♂ rife ♂ tet 1st place 2nd place 3rd place 4th place 5th place

1	07	32	04	28	20	33	22	33	02	46	05	58	05	37
8	07	33	04	27	20	25	22	07	05	16	10	03	05	15
1	07	34	04	26	20	15	22	14	07	45	13	44	08	31
6	07	33	04	27	20	03	21	57	10	07	16	57	13	49
1	07	32	04	28	19	48	21	36	13	27	19	36	20	09
6	07	29	04	31	19	31	21	11	14	40	21	24	26	58

A W. Moons quart. Aspect Courts &c. ☉ plac. ☿ pla mur. Aspect

1	6	135 K. Stephen R. 18 y.	20	1	3	17			
2	7	△ ♂ ♀ ♂ Mer.	21	0	2	21	Fr. ☉ H		
3	A	● Full moon 30 m. p noon	22	11	I	09	Tr ☉ Ju		
4	2	□ ♂ Gov. Cranfield.	23	12		23	Tide rise		
5	3	* ♂ ♀ ♀ Δ Mer.	24	13	☉	07	Mer. Dir		
6	4	△ ☉ ♂ ♀ ♂ H	25	14		22			
7	5	□ ♀	26	15	Ω	07			
8	6	Shortest day	27	16		22			
9	7	Sec. quart. at 4 morn. ♂ ♂	28	17	☾	06	☾ Perig		
10	A	* H ♀	29	18		20			
11	2	* ☉	30	19	☽	04			
12	3	□ H □ ♀	31	20	☾	18			
13	4	hap □ ♀ Frost	32	21	☾	02			
14	5	* ♂ ♀	33	22		15			
15	6	Trine H * ♀	34	23	☾	28			
16	7	New moon 55 m p. 3 altern.	35	24	☾	11			
17	A	C. Charlstowne	36	25		23			
18	2	Fast at Mr. Mathers	37	26	☾	06			
19	3	Trine Mars	38	27		18			
20	4	♂ Jupiter H ♂ ♀	39	28	☾	00	Sex ♀ Me.		
21	5	* ☉	40	29		12	Fr. H Jap		
22	6	☾ First quart. 43 m. p. 7 n. ♂ ♂	41	30	*	06	Ps. Ve.		
23	7	△ H ♀ Δ ♀ * ♀	42	31	☾	18	☐ Ju. Mer		
24	A	☐ ♀	43	32	☾	60	☐ ☉ Mar		
25	2	☐ ♀	44	33		12	☐ Jn. Ve.		
26	3	☐ ♀	45	34		24			
27	4	☐ ♀	46	35		07			
28	5	☐ ♀	47	36		20			
29	6	☐ ♀	48	37		02			
30	7	☐ ♀	49	38		12			
31	A	☐ ♀	50	39		24			
		☐ ♀	51	40		07			
		☐ ♀	52	41		20			
		☐ ♀	53	42		02			
		☐ ♀	54	43		12			
		☐ ♀	55	44		24			
		☐ ♀	56	45		07			
		☐ ♀	57	46		20			
		☐ ♀	58	47		02			
		☐ ♀	59	48		12			
		☐ ♀	60	49		24			
		☐ ♀	61	50		07			
		☐ ♀	62	51		20			
		☐ ♀	63	52		02			
		☐ ♀	64	53		12			
		☐ ♀	65	54		24			
		☐ ♀	66	55		07			
		☐ ♀	67	56		20			
		☐ ♀	68	57		02			
		☐ ♀	69	58		12			
		☐ ♀	70	59		24			
		☐ ♀	71	60		07			
		☐ ♀	72	61		20			
		☐ ♀	73	62		02			
		☐ ♀	74	63		12			
		☐ ♀	75	64		24			
		☐ ♀	76	65		07			
		☐ ♀	77	66		20			
		☐ ♀	78	67		02			
		☐ ♀	79	68		12			
		☐ ♀	80	69		24			

THIS Month, 'twill Rain such store of Sack, (each night)
That any man that Tubs doth empty quite,
And leave abroad, and them the next day view,
He'll find them full of pure good Sack: Its true.
But unto such I write, as cannot Crede,
That Bulls did ev'r out of mens mouths proceed.

January hath 31 dayes.

☉ rise ☉ set ☿ place ♀ place ♂ place ♀ place ♀ place

1 07 25	04 35	19	07 30	34 17	19	22	30 05	57
6 07 22	04 38	18	47 20	01 19	20	22	R 22	13
11 07 18	04 43	18	25 19	24 21	13	21	08 20	5
16 07 12	04 46	18	01 18	45 22	56	18	58 28	5
21 07 07	04 53	17	27 18	04 25	34	16	02 07	2
26 07 02	04 58	17	13 17	25 25	50	13	01 15	37

M. W. Moons quart. Aspect. Courts &c. ☉ pla. ☿ pla. mut. Af

1 2 ☿ Mercury	21 49 ☿ Tide rise
2 3 ● Full moon 23 m p. 9 night &	22 49 16
3 4 A very high tide night. (☿)	23 50 ☿ ☿ Perig
4 5 ☿ ☿ ☿ ☿ ☿ ☿ ☿	24 51 16 ☿ ☿
5 6	25 52 ☿ ☿ ☿ ☿ ☿
6 7 Δ Mercury 9. Snow.	26 54 16 Tide fall
7 8 Trine ☉	27 55 ☿ ☿ S. Ju. Mar
8 2 * Sat. Jupiter ☿ Mars ☐ Mer	28 56 14
9 3 ☿ Second quart. 28 m p. 2 aft	29 57 28
10 4	30 58 12
11 5 ☐ Saturn Jupiter Venus * Mer	31 59 25 Tr. Ma. V.
12 6 Landlady Jane	32 00 38 Tr. Ma. M
13 7 Trine Sat. * Jupi. Mars Venus	33 01 21
14 8	34 02 03
15 9	35 04 25
16 3 ☐ Mars ☿ Mercury Buried	36 45 26 ☿ Ju. Ve
17 4 ● New Moon 33 m p. 10 morr	38 06 08 Sol Eclip
18 5 ☿ Saturn Jupi ☿ Ve. Tri. Mar	39 07 20 ☿ Sat. Ve
19 6 Mr T. Weld Roxb.	40 08 02 dyes.
20 7 P. 17. d. Bur. 19. d.	41 08 15
21 8	42 09 26
22 9 * ☉ Mercury Much	43 10 08 Snow & Rain.
23 3 Trine Sat. Jup. ☿ Mars Sex. V	44 11 20
24 4 Fair O. meet. House.	45 12 02 ☿ Sol V.
25 5 ☿ First quart. 45 m p. 1 aft. 13 29	46 13 15 ☿ Ve. Me
26 6 (K. Edw. 3 R. 50 y.	47 14 28 qu. Sa. V
27 7 Sext. Sat. Jupi. Tri. Venus Mer.	48 14 11 ☿ Sol. Sa.
28 8 1547 K. Edw. 6 R. 5 y Tr. ☉ Mar	49 15 25 ☿ Sol Me
29 9	50 16 39
30 3 1648 K. Charles 2 Reign. ☐ Mar	51 17 24 ☿ Sa. Jup.
31 4 ☿ Saturn Jupiter	52 17 09 Tide rise

Now Glacial Boreas Lords it for a time,
And Monarch-like counts Tyranny no crime,
He upon Vessells an Embargo layes,
And men and beasts he from their bus'nesse staves.
His breath's so strong, 't wil almost overthrow
Those that do dare against him for to goe.

Flocks of Pigeons are seen
this moneth, at Newbome.

Cloudy dark.

MW Moons-quar. Alpests Courts &c. Opla. C pla, min. A fr

♂ ♀ Saturn ♂ ♀ Jupit^r 0 25 18 wetho

Abundance of
Snow & Rain this winter.

NO marvell if Fish do appear in th' Skye,
A' ne there their Element 'quar'ns stands by,
And with his unexhausted watery Spout,
Will *Nimbose* streames be ever pouring out.
Thus Sol in all his goings we have trac'd,
And where we found him, there we leave him plac'd



N

Explanation of the Preceding *Ephemeris*,
fitted to the *Meridian* of their Pates
whose Poles are least Elevated, Longitude
little or none.

R eading without Understanding, is one way to introduce
the tongue of a Parrat into the head of a Rational
creature:

This heedless reading is that, that hath caused many men Par-
rat-like) to talk of things so by Roar, and so absurdly, that one
would be ready to think, that man might properly suffer the
distribution of Animal in genere, into Rationall and Irration-
all Beings. I remember a Learned man being about to prove
that Brutes were Irrationall, or beings without Reason a-
mong the rest of his *gravia argumenta* [weighty arguments]
to this end, doth lay down this viz. (*quod nec causas, nec*
effecta rerum intelligunt;) their not understanding of the causes
or effects of things; and truly, if this argument doth suffici-
ently prove the thing intended, (as I suppose no man that doth
understand it aright will deny) then I think I should not be
guilty of a weak, or false argumentation, if from its being so
with many men, I should infer the Irrationallity of many who
bear the title of Rational creatures.

They are
such who perhaps have attained to the perfect knowledge
of the *oti* of these and those things, (a knowledge where
of even brut beasts may attain unto) but as for a right un-
derstanding of the *dioti* of them, their Pates truly are
so shallow, that it is (if not impossible yet) very impro-
bable, that it should ever harbour these.

In a word, many men there are, who though they are po-
tentially Rational, yet actually are they not Irrational be-
ings?

But seeing that they are arrived at a Port,
so near to that of Rationality as that they are potentially
(yet should be actually) there, I think it would not be a-
miss, if every one would endeavour (as opportunity does
serve) the turning this *potentia* in *actum*; Having respect to the
verity of that Philosophical axiome, *Frustra est potentia quæ*
non traducitur in actum.

This indeed is the end, which I have proposed
to my self in making that improvement of the va-
cant

Cloudy dark.

cant piece of paper which you see I have; That men might not only know the *ori* of things made mention of in the *Ephemeris*, as that there will be an *Eclipse* of the Sun or Moon or such a Configuration on this or that day, and the like, but that they may also know the *dioti* of them, what the Reason of an *Eclipse* of the Sun or Moon is; and whence it comes to passe that there is said to be a Trine, Quartile and the like of these and those Planets at such times, &c.

And that I might attain my end, I have (not having over-much regard to concisenesse or propriety of words) spoke to things so largely and so plainly, that even men of mean capacities may come to know a Reason for, and the meaning of many things here made mention of, which before (perhaps) they were wholly ignorant of. And first of,

The notation of the word, *Ephemeris*.

Ephemeris is a compound Greek word, made up of *epi*, and *emera*, signifying a Journall, Diary, or Day-book.

In an Astronomicall sense, it is a methodicall table of Astronomicall Calculations, fitted to a certain place, and for a certain time. Or, it is a Day book, wherein the Heavenly minded Ephemeridist, does keep an account of the Coelestial motions, *Eclipses* of the Luminaries, Planetts Configurations, and things of the like nature.

Of the Christian Era.

AN Era or (which is all one) an Epoch is a remarkable term of time, from which we reckon our dayes, months, or years.

Very many have these Eraes been, since the beginning of the world, but a mentioning thereof I must here omit.

Since the time of Christ (among others) the Diocletian Era was much in request, but *Dionysius Exiguus*, thinking the time of our Saviours birth fitter to be kept in remembrance, then of such a wicked Tyrant, he altered that Diocletian Era, (*Anno 532*) causing it to have its rise from the time of Christ's Nativity, and from hence it is called the Christian Era.

Of the Julian Year, and Bissextile or Leap-year.

THe Roman year, after sundry alterations, yet being such; as that the observation thereof did occasion much confusion: *Julius Caesar* (who flourished *Anno mundi* 3900 or thereabouts) coming to the Throne, does again renew its alteration, and makes (as it was then thought) a perfect rectification of the year.

The year which first was observed by the Romans, was that, constituted by *Romulus*, consisting of ten months, or 304 dayes; but *Numa Pompilius* (the second *K. of Rome*) perceiving that this their computation would breed confusion (causing Summer months to happen in winter; & *contra*,) adds 50 days thereto, thereby making the year to consist of 354 dayes, which is a synodical year of the Moon.

A while after on a superstitious conceit of the odd number, he adds one and makes it 355, but this their year falling short of the true year, the space of 10 dayes and 6 hours, they were forced every eighth year, which they called their Leap year, to adde three moneths.

Thus the *Romans* reckoned their years till the time of *Julius Caesar*, who, after he had vanquished *Pompey*, and so ended the civil Wars, sends to *Egypt* for *Sosigenes*, and consulting him, sets himself to the finding out a way, whereby this their Year might be further rectified. After hard study the result is, that (having no regard to the lunar year) ten days should be added to the year they then observed, and every fourth year there should be a day inserted between the 23. & 24. of *February*, which should be called *Bissextile*, (that is twice a *sextile*) there being every such year two *Sextiles* of the *Calends of March*, the 23d. of our *February* being one, and the day inserted, being the other.

Of the Gregorian Calendar.

The exact time of a solar year, being but 365 days 5 hours 9 minutes, and 16 seconds; and the *Julian year* being 366.

C

whole

whole dayes, hence is the *Julian year* greater then the solar 10 minutes & 44 seconds, and consequently the Equinoxes and Solstices must change their places annually so much, which alteration though yearly it is but small, yet in many years will come to be considerable.

At the time of the *Nicene Counsel* (*Anno Christi* 325.) the vernal Equinox was on the 21st day of *March*; in P. Gregory (the thirteenth) his time (*Anno Christi* 1582.) it was gone back to about the 11th of *March*, but the Pope (having a mind to reduce it to the day that it was on, at the time of the forementioned Counsel) did cause 10 dayes in October to be left out, and the 5th day to be called the 15th. And at that time so excellently did he cause their Calendar to be composed, that should the world last 20 thousand years, yet would the Equinox scarce be on the 20th of *March*; whereas (according to us) (should the world continue but half so long) the vernal Equinox would be on the latter end of *December*; and at length, it would not be at all strange to see snow in summer.

But certain it is, that notwithstanding the defect of our Calendar; yet it might be soon corrected, & that, without the omission of the 10 dayes, only by the leaving out of the next 13 Leap years, and after that of three bissextiles in every 400 years. This would so fix our Equinoxes and Solstices as that it would not suffer an anticipation of a day in thousands of years.

Of an Eclipse of the Sun.

That which we call an Eclipse of the Sun, might more aptly be stiled an eclipse of the Earth, for indeed the Sun at such a time is not deprived of any light, but the Earth, by reason of the intervening of the Moon; yet because the Sun in respect of us is deficient, hence we call it an eclipse of the Sun.

This solar eclipse is an obscuration of the sun arising from a diametral interposition of the moon between the sun and our sight.

This eclipse of the Sun (if natural) happens only when there

there is a new Moon, for then only can there be an interven-
ing thereof between the sun and our sight, (and hence the
eclipse which happened at the time of Christs suffering was
a preternatural or miraculous Eclipse; for it is evident, that
it was at *Easter*, when the Moon was at the full; &c.) but yet
there is not an eclipse of the sun every new moon, that is, eve-
ry time the moon is in conjunction with the sun; because of
the latitude of the moons orbit, which the suns is without:
For you must understand, that the ecliptick line, in which the
sun alwayes doth continue, is a line in the Zodiack without
any latitude, whereas the Zodiack in which the moon keeps
(she straying out of the Ecliptick) hath latitude, so that there
may be a conjunction of them, that is, they may both be in one
sign and yet not cause an eclipse: but when the moon comes
to be in the same point of the ecliptick where the sun is, and
hath little or no latitude, then there happens to be an Eclipse.

The same eclipse of the sun may be total in some parts, par-
tial in others, and none at all in other parts of the world. But
if any one should count it strange, that there should be a total
eclipse of the sun, or (which is all one) that the moon, which
is several hundreds of times less then the sun, should ever
wholly hide it from us, he may here read a reason for it,
namely, the nearness of the moon to our sight; A mans hand
put before his eye will hide a thing, (suppose a man) that is
a thousand times bigger then his hand from his sight, and that
though his hand be no nearer his eye in respect of the man
(the object of his sight) then the moon is to our sight in re-
spect of the sun; seeing then this seems no whit strange, why
should that? whenas the reason of both this, and that, is the
same.

Of an Eclipse of the Moon.

An Eclipse of the Moon is a privation of Solar light in the
Moon, arising from a diametral interposition of the earth, be-
tween the sun and it.

The Earth being a thick,
and solid body, casts it's shadow to that point which is oppo-
site to the sun, when therefore the moon at her full, or oppo-
sition

fixion to the sun entred into that obscure part on which the shadow of the earth falleth, she doth thereby lose the suns light, with which she shone, and so is darkened, which we call an eclipse of the Moon. And here we may note, that there is no star whatsoever that can come into this shadow, but the moon alone, in regard of her propinquity to the earth; for excellent Astronomers have found that the shadow of the earth is conical, & that the quantity of its extent from the centre of the earth, is 250 semidiameters, and that the moon being farthest remote in its Apoge, is distant from the earth but 58. and therefore may enter into the said shadow, but Venus and Mercury though sometimes within the limits, yet they alwayes keep so near the sun, as that the massy Globe of the earth can never interpose so, as to hid the suns beams from them. As for Mars, he is reckoned to be (in his mean motion) from the earth 1745 Semidiameters, to which place the cone of the earths shadow never reacheth.

The reason why the moon is not eclipsed every month, (seeing every month she is in opposition to the sun) is because of her wandring out of the ecliptick, for by reason thereof, she comes not to be directly opposed to the sun, & so to be out of the shadow of the earth which causeth the Eclipse.

Moreover Astronomers (for the better measuring of the quantity of the eclipse) do divide the diameter both of the sun and moon into 12 equal parts, which they call points or digits, but lest you should then count it a strange thing to read of the moons being eclipsed 20 or more digits, you must understand, that in lunar eclipses, the number of digits is reckoned according to the quantity of the shadow which may extend to almost 23 digits; so that by the 20 digits being Eclipsed is meant, that the shadow of the earth was such, as that it would have eclipsed the light of the moon, had it been eight digits bigger then it was.

Of the Suns place, &c.

In order unto the knowing of what is meant by the Suns, Moons, or any other of the Planets places which you read of

every month, you must first be acquainted with the Characters, by which the signs and planets are noted, and to this end I have set down their names, and the Characters thereof: And first of the twelve signs, their characters and names.

♈	Aries	} Are the N. signs	♎	Libra	} Are the S. signs
♉	Taurus		♏	Scorpio	
♊	Gemini		♐	Sagittarius	
♋	Cancer		♑	Capricornus	
♌	Leo		♒	Aquarius	
♍	Virgo		♓	Pisces.	

Of the seven Planets, their Characters and Names.

♄	Saturn	}	♀	Venus
♃	Jupiter		☿	Mercury
♂	Mars		☾	The Moon.
☼	The Sun			

Now, these signs are fixed stars (though it is true, they do move slowly, about a degree in 71 years) which do reside in the Zodiack, [A circle in the heavens cutting the Equinoctial line obliquely] each sign possessing a 12th part thereof, that is 30 degrees : And under the firmament in which the Zodiackal line is imaginined to be, there are 7 orbs, an orb for each Planet : Now these Planets moving continually in, that is under the Zodiack, must needs be constantly under one of the forementioned signs ; and now that sign that a Planet at any time is under, there is that Planets place said to be at that time. For Instance.

It is said, first of March, Saturns place ☉ ♌ 22. now the meaning thereof is, that the first day of March, the Planet Saturn is ☉ degree 22 minutes in the sign Leo ; for where there are two figures set down with the sign that a Planet is in

19, the first signifieth degrees, the second minutes; but where there is but one set down (as in the place of the moon every month) there the figure signifieth degrees, as on the first day of March in the column entituled **19** place, there is written **19** the meaning whereof is, that the moon is 19 degrees in **19** on the first of March.

Here you may observe, that as 12 signs make a circle, and 30 degrees a sign, so 60 minutes make a degree.

Here you may consider the signs and planets as to their nature, motion, &c. And first of the signs, their nature and motion.

♈ ♉ ♊ Are accounted Cholerick, Hot and Fiery: these three signs do constitute the fiery Trigon.

♈ ♉ ♊ Are Melancholly, Earthy and Dry; these constitute the Terrene or earthly Trigon.

♊ ♋ ♌ Are the Sanguine, Airy and moist signes, which constitute the Airy Trigon.

♋ ♌ ♍ Are Phlegmatick, Watery and Cold, which constitute the Aqueous, or watry Trigon.

The proper diurnal motion of the 8th Sphear, or Heaven, in which these signs or fixed stars do reside, is 8 thirds, 25 fourths, and 12 fifths.

Of the Planets Nature and Motion.

♄ Saturn the highest Planet, is by nature cold, and dry: he performs his revolution in 29 years, 162 days and almost two hours.

♃ Jupiter is by nature hot and moist; he finisheth his Zodiacal Period in 11 years, 316 dayes.

♂ Mars is by nature hot and dry in excess; he finisheth his course in one year; and 322 dayes.

☉ The Sun is hot and dry, he finisheth his course in 365 dayes, 5 hours 49 minutes, 16 seconds: and this is the exact quantity of a Solar year.

♀ Venus is temperately hot and moist; she finisheth her course (to our appearance) in about a years time.

☿ Mercury is by nature cold and dry, and finisheth his course
also

also (to our appearance) in about one years time.

▷ The Moon is by nature cold, and moist; she runneth her course in 27 days, 7 hours, 43 minutes, 6 seconds.

Of these Planets, some are reckoned infortunate or malevolent, viz ♄ & ♃ others fortunate or benevolent, as ♃ & ♀, and the rest mean or indifferent. Now the consequent of the fortunate Planets copulation is benevolent, of the infortunate ones malevolent; and of the mean, indifferent.

The Air is rarely much altered, unless some of the Planets be Aspected. But seeing that other things are needful to be observed in order to artificial prejudications of the weather, besides the Planets Aspects; it cannot but be presumption in any man to venture on a foretelling thereof, having only a regard unto them.

Of the Aspects.

The principal configurations or aspects are five, Conjunction, Sextile, Quartile, Trine, and Opposition. Conjunction is when two Planets are in the same sign and is thus marked ☿.

Sextile, when they are two signs distant, being thus characterised *.

Quartile when they are 3 signs distant, thus marked ☐.

Trine when they are distant 4 signs, thus marked △.

Opposition when they are distant 6 signs, marked thus ☿.

♊ & ♋ Stand for Dragons head, and Dragonstail, which are two points in the Ecliptick, in which the Moon cuts the Ecliptick line.

A Planet is said to be in its Apoge when farthest from; in its Perige when nearest to the earth. Direct, when it moves according, Retrograde, when it moves contrary to the order of the signs.

F I N I S.



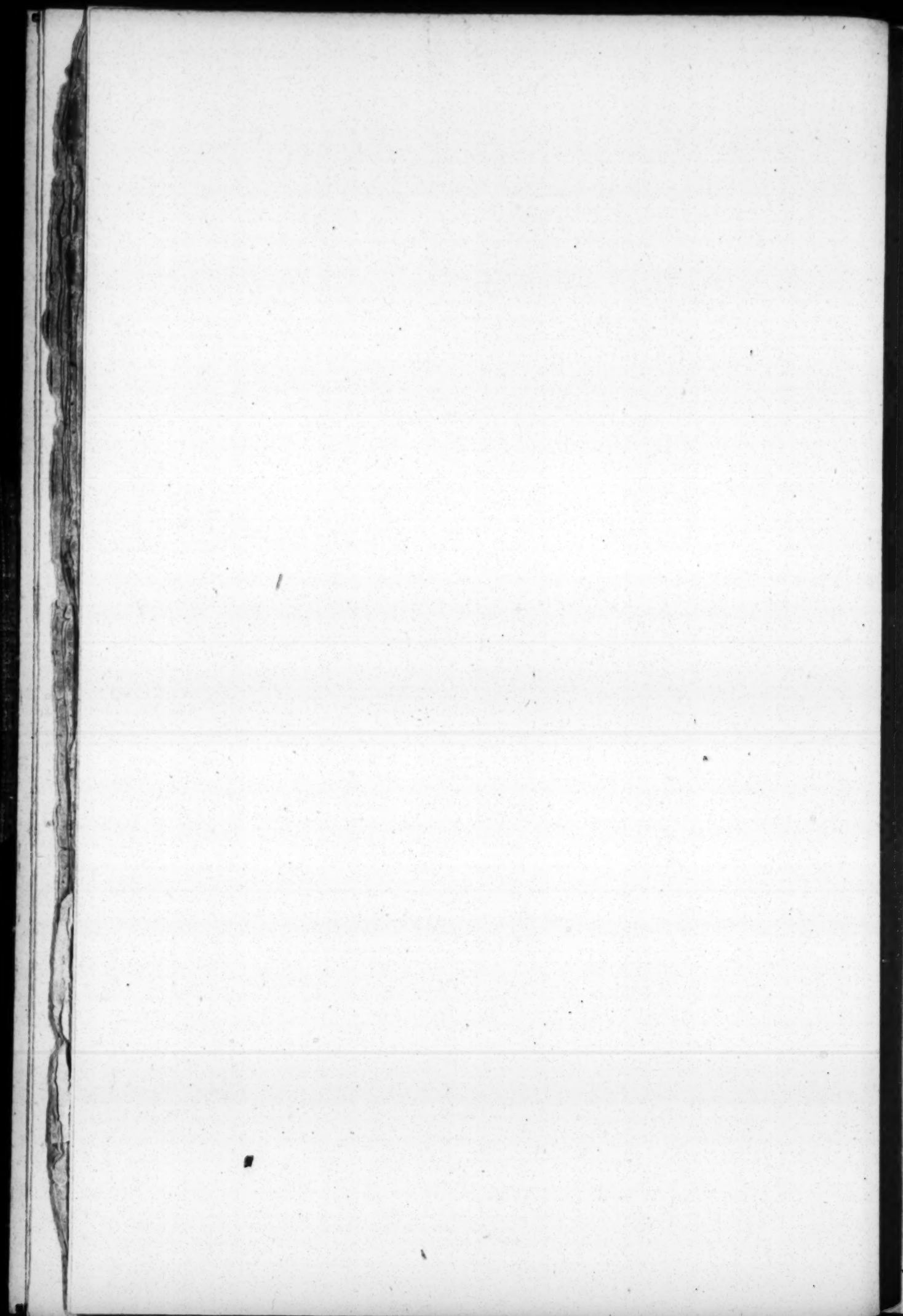
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Printed with my Letter, at Boston
S. S.*



Bound August 1937



